

Attorney's Docket No.: 10887-014002

**OFFICIAL COMMUNICATION FACSIMILE:**

**OFFICE OF INITIAL PATENT EXAMINATION FILING RECEIPT  
CORRECTIONS**

**OFFICIAL FAX NO: (703) 746-9195**

Number of pages including this page 8

Applicant : Laurence E. Allen III et al.  
Serial No. : 10/775,741  
Filed : February 9, 2004

Art Unit : 1724  
Examiner : Unknown

Title : Mediating Electrostatic Separation  
**OFFICE OF INITIAL PATENT EXAMINATION FILING RECEIPT CORRECTIONS**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Request for Corrected Official Filing Receipt, faxed this 14<sup>th</sup> day of May, 2004, to the United States Patent and Trademark Office, Office of Initial Patent Examination Filing Receipt Corrections.

Respectfully submitted,

Date: May 14, 2004



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Attorney's Docket No.: 10887-014002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Laurence E. Allen III et al. Art Unit : 1724  
Serial No. : 10/775,741 Examiner : Unknown  
Filed : February 9, 2004  
Title : MEDIATING ELECTROSTATIC SEPARATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Please correct the Filing Receipt for the above-referenced application to include the correct priority information.

Domestic Priority data as claimed by applicant:

This application is a CON of International Application Serial No. PCT/US03/22921, filed July 22, 2003, which claims the benefit of U.S. Provisional Application Serial No. 60/397,980, filed July 22, 2002.

Enclosed are copies of the:

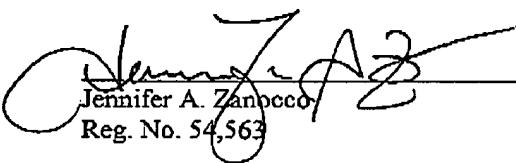
- Application Transmittal Letter as filed indicating priority data
- First page of the application as filed indicating priority data
- Combined Declaration & Power of Attorney as filed indicating priority data

Please supply a corrected Filing Receipt to the undersigned with respect to this application. A copy of the original Filing Receipt showing the desired changes is attached for your convenience.

No fee is believed to be due. If, however, there are any charges or credits, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date: May 14, 2004



Jennifer A. Zanocco  
Reg. No. 54,563

Customer No.: 26181

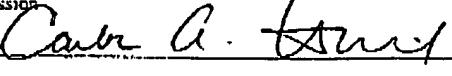
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## CERTIFICATE OF TRANSMISSION BY FACSIMILE

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Date of Transmission May 14, 2004  
  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/775,741	02/09/2004	1724	674	10887-014002	2	33	7

014002

CONFIRMATION NO. 1521

26181  
 FISH & RICHARDSON P.C.  
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## FILING RECEIPT



\*OC000000012574940\*

PRACTICE SYSTEMS

Date Mailed: 05/10/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Laurence E. Allen III, San Rafael, CA;  
 Brian L. Riise, San Ramon, CA;

## Domestic Priority data as claimed by applicant

This application is a CON of PCT/US03/22931 filed 7/22/2003, which  
 Foreign Applications Claims benefit of 60/397,980 filed 7/22/2002.

WORLD INTELLECTUAL PROPERTY ORGANIZATION U603/22931 07/22/2003

If Required, Foreign Filing License Granted: 05/07/2004

Projected Publication Date: 01/27/2005

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Mediating electrostatic separation

## Preliminary Class

209

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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## FISH &amp; RICHARDSON P.C.

Frederick P. Fish  
1855-1950W.K. Richardson  
1859-1951

February 9, 2004

Attorney Docket No.: 10887-014US1

COPY

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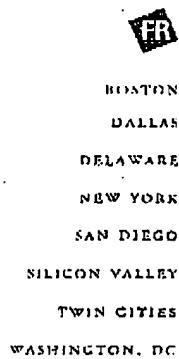
**Mail Stop Patent Application**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Presented for filing is a new continuation patent application of:

Applicant: LAURENCE E. ALLEN III AND BRIAN L. RIISE

Title: MEDIATING ELECTROSTATIC SEPARATION

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):



	<u>Pages</u>
Specification	26
Claims	7
Abstract	1
Declaration	2
Drawings (formal)	2

## Enclosures:

- Assignment cover sheet and an assignment, 4 pages, and a separate \$40 fee.
- Small entity statement. This application is entitled to small entity status.
- Application Coversheet (1 page).
- Postcard.

This application is a continuation and claims the benefit of priority under 35 USC 111(a) of International application serial no. US03/22931, filed July 22, 2003.

Under 35 USC §119(e)(1), this application also claims the benefit of prior U.S. provisional application 60/397,980, filed July 22, 2002. The disclosure of the prior applications are considered part of (and is incorporated by reference in) the disclosure of this application.

## MAILING BY EXPRESS MAIL

Express Mail Label No. EV 321 385 311USDate of Deposit February 9, 2004

**COPY**

Attorney Docket No. 10887-014US1

**MEDIATING ELECTROSTATIC SEPARATION****CROSS-REFERENCE TO RELATED APPLICATIONS**

This application is a continuation of International Application No. US03/22931, filed July 22, 2003, which claims priority to U.S. Provisional Application No. 60/397,980, filed 5 July 22, 2002, which are incorporated by reference herein.

**TECHNICAL FIELD**

This invention relates to separating materials and recycling plastics.

**BACKGROUND**

By generating over 10 of millions metric tons of material, hundreds of billions of 10 dollars of production per year, and being responsible for approximately millions of jobs, plastics and related businesses represent the fourth largest industry in the United States. Unlike other material industries such as steel and aluminum, however, this industry depends almost solely on nonrenewable raw material, mostly imported petroleum. This dependence becomes ever more significant as the growth rate of plastics continues to outpace that of all 15 other materials.

Most of the plastic supplied by today's manufacturers ends its life in landfills or incinerators simply because the technology has not been available to recover it economically. The Environmental Protection Agency estimates that the amount of plastic in municipal solid waste grew from less than 1 million metric tons prior to 1960 to over 20 million metric tons 20 by 2000. Take-back and producer-responsibility legislation is becoming increasingly common to help deal with the quantities of plastics being produced.

Durable goods, such as automobiles, appliances and electronics equipment, account for about one-third of the plastics in municipal solid waste. Durable goods are increasingly being collected and partially recycled at the end of their useful lives to avoid disposal costs 25 and potential liabilities, and to recover metals and other marketable raw materials.

The recovery of plastics from durable goods requires a plastic-rich raw material. Automobiles, appliances and electronics generally contain metals. Generally, the metals content is higher than the plastics content (typically plastics content is less than 30%) in these items, so a metal recovery operation must precede plastic recovery. Most metal recovery